

SEP. 29. 2006 3:42PM TTC-PA 650-326-2422

RECEIVED
CENTRAL FAX CENTER NO. 334 P. 1/7

SEP 29 2006

Atty Docket No. 015389-002630US

PTO FAX NO.: 1-571-273-8300

ATTENTION: Examiner Lieto, Louis D.

Group Art Unit 1632

**OFFICIAL COMMUNICATION
FOR THE PERSONAL ATTENTION OF
EXAMINER Lieto, Louis D.**

CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that the following documents in re Application of Thomas R. Cech et al., Application No. 10/044,539, filed January 11, 2002 for MAMMALIAN CELLS THAT HAVE INCREASED PROLIFERATIVE CAPACITY are being facsimile transmitted to the Patent and Trademark Office on the date shown below.

Documents Attached

1. Transmittal (1 p.);
2. Fee Transmittal (1 p., submitted in duplicate);
3. Terminal Disclaimer (2 pp.); and,
4. Communication (1 p.).

Number of pages being transmitted, including this page: 7

Dated: September 29, 2006


Yvonne Mock

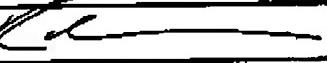
**PLEASE CONFIRM RECEIPT OF THIS PAPER BY
RETURN FACSIMILE AT (415) 576-0300**

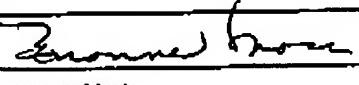
TOWNSEND and TOWNSEND and CREW LLP
Two Embarcadero Center, Eighth Floor
San Francisco, CA 94111-3834
Telephone: 650-326-2400
Fax: 650-326-2422
0295

PTO/SB/21 (07-06)

TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>		Application Number	10/044,539	
		Filing Date	January 11, 2002	RECEIVED
		First Named Inventor	Cech, Thomas R.	CENTRAL FAX CENTER
		Art Unit	1632	SEP 29 2006
		Examiner Name	Lleto, Louis D.	
		Total Number of Pages In This Submission	6	
		Attorney Docket Number	015389-002630US	

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form (1 p., submitted in duplicate). <input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input checked="" type="checkbox"/> Terminal Disclaimer (2 pp.). <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below): Communication (1 p.)
<input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s)	<small>Remarks</small> The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.	
<input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement		
<input type="checkbox"/> Certified Copy of Priority Document(s)		
<input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	Townsend and Townsend and Crew LLP		
Signature			
Printed name	Randolph T. Apple		
Date	September 29, 2006	Reg. No.	36,429

CERTIFICATE OF TRANSMISSION			
I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, Fax No. 1-571-273-8300, on September 29, 2006.			
Signature			
Typed or printed name	Yvonne Mock		Date
			September 29, 2006

60874S15 v1

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL For FY 2006

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 130)

Complete if Known

Application Number	10/044,539	RECEIVED
Filing Date	January 11, 2002	CENTRAL FAX CENTER
First Named Inventor	Cech, Thomas R.	SEP 29 2006
Examiner Name	Lieto, Louis D.	
Art Unit	1632	
Attorney Docket No.	015389-002830US	

METHOD OF PAYMENT (check all that apply)

- Check Credit Card Money Order None Other (please identify): _____
- Deposit Account Deposit Account Number: 20-1430 Deposit Account Name: Townsend and Townsend and Crew LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

- Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee
- Charge any additional fee(s) or underpayments of fee(s) Credit any overpayments
- under 37 CFR 1.16 and 1.17

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2036.

FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES	
	Small Entity	Fee (\$)	Small Entity	Fee (\$)	Small Entity	Fee (\$)
Utility	300	150	500	250	200	100
Design	200	100	100	50	130	65
Plant	200	100	300	150	160	80
Reissue	300	150	500	250	600	300
Provisional	200	100	0	0	0	0

2. EXCESS CLAIM FEES

Fee Description

Fee Description	Small Entity	
	Fee (\$)	Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims
Fee (\$)	Fee (\$)	Fee Paid (\$)	Fee (\$)	Fee Paid (\$)
-20 or HP =	x	=		
HP = highest number of total claims paid for, if greater than 20				

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
Fee (\$)	Fee (\$)	Fee Paid (\$)	Fee (\$)
-3 or HP =	x	=	
HP = highest number of independent claims paid for, if greater than 3			

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

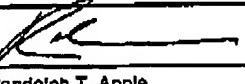
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
Fee (\$)	Fee (\$)	Fee Paid (\$)	Fee (\$)	Fee Paid (\$)
- 100 =	/ 50 =	(round up to a whole number) x		

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): Terminal (Statutory) Disclaimer

130

SUBMITTED BY	Signature	Registration No. (Attorney/Agent)	Telephone
Signature		36,429	650-326-2400
Name (Print/Type)	Randolph T. Apple		Date September 29, 2006

60874520 v1

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL

For FY 2006

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 130)

Complete if Known

Application Number	10/044,539
Filing Date	January 11, 2002
First Named Inventor	Cech, Thomas R.
Examiner Name	Lieto, Louis D.
Art Unit	1632
Attorney Docket No.	015389-002630US

RECEIVED
CENTRAL FAX CENTER

SEP 29 2006

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order None Other (please identify): _____

Deposit Account Deposit Account Number: 20-1430 Deposit Account Name: Townsend and Townsend and Crew LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee

Charge any additional fee(s) or underpayments of fee(s) Credit any overpayments

under 37 CFR 1.16 and 1.17

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES	
	Small Entity	Fee (\$)	Small Entity	Fee (\$)	Small Entity	Fee (\$)
Utility	300	150	500	250	200	100
Design	200	100	100	50	130	65
Plant	200	100	300	150	160	80
Reissue	300	150	500	250	600	300
Provisional	200	100	0	0	0	0

2. EXCESS CLAIM FEES

Fee Description

Each claim over 20 (including Reissues)

Each independent claim over 3 (including Reissues)

Multiple dependent claims

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Small Entity	Fee (\$)
-20 or HP =	x	=		50	25

HP = Highest number of total claims paid for, if greater than 20

Independent Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiples Dependent Claims	Fee (\$)	Fee Paid (\$)
-3 or HP =	x	=				

HP = Highest number of independent claims paid for, if greater than 3

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	/ 50 =	(round up to a whole number) x	=	Fee Paid (\$)

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): Terminal (Statutory) Disclaimer

130

SUBMITTED BY		Registration No. (Attorney/Agent)	Telephone
Signature		36,429	650-328-2400
Name (Print/Type)	Randolph T. Apple	Date	September 29, 2006

60874520 v1

RECEIVED
CENTRAL FAX CENTER

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office, Fax No. 1-371-273-8300 on September 29, 2006.

PATENT

SEP 29 2006 Docket No.: 015389-002630US
Client Ref. No.: 018/212C

TOWNSEND and TOWNSEND and CREW LLP

By: Yvonne Mock

Yvonne Mock

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Thomas R. Cech et al.

Application No.: 10/044,539

Filed: January 11, 2002

For: MAMMALIAN CELLS THAT HAVE
INCREASED PROLIFERATIVE
CAPACITY

Customer No. 34151

Confirmation No.: 4930

Examiner: Lieto, Louis D.

Art Unit: 1632

COMMUNICATION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith is one (1) terminal disclaimer. This disclaimer replaces the substantively identical disclaimer filed in the above-referenced application on June 16, 2006. The replacement disclaimer is being filed because the earlier-filed disclaimer was inadvertently signed by Applicants' representative acting under 37 CFR 1.34.

Respectfully submitted,


Randolph T. Apple
Reg. No. 36,429

TOWNSEND and TOWNSEND and CREW LLP
Two Embarcadero Center, Eighth Floor
San Francisco, California 94111-3834
Tel: (415) 576-0200
Fax: (415) 576-0300
RTA:ym